

**Cycle view of the study programme**

B1 Or Th Pr Au Cr

**Compulsory courses (B1 : 45Cr)**

**Theory courses (30 ECTS)**

MCER0206-1	<i>Physical basis of medical radiology, including radiation dosimetry</i> - Françoise MALCHAIR	B1	30	20	-	<b>11</b>
MCER0007-2	<i>Cellular and human radiobiology : histopathology and biochemistry</i> - Chantal HUMBLET, Philippe MARTINIVE	B1	10	5	-	<b>2</b>
MTRA2020-1	<i>Radioprotection : radioprotection specific to reactors</i> - Pierre DOUMONT	B1	10	5	-	<b>2</b>
MTRA2021-1	<i>Radioprotection : techniques and legislations</i> - Véra PIRLET	B1	25	5	-	<b>5</b>
MCER0210-1	<i>Using radioactive/ionising substances : medical applications</i> - Nuclear medicine - Roland HUSTINX - Radiotherapy - Philippe COUCKE - Interventional cardiology - Victor LEGRAND - Dentistry - Alain VANHEUSDEN	B1				<b>2</b>
			6	-	-	
			6	-	-	
			4	-	-	
			2	-	-	
MCER0211-1	<i>The use of radioactive/ionising substances: industrial applications</i> - Production, use, management and control of radio-elements - André LUXEN - Aspects of radio-protection connected to the management of radioactive waste - Véra PIRLET - Environmental problems related to industrial and medical waste - Christian VANDECASTEELE	B1				<b>5</b>
			15	-	-	
			5	-	-	
			8	-	-	
MCER0212-1	<i>Diagnostic and therapeutic aspects relating to the risks of contamination and irradiation</i> - Cécile SURLEREAUX	B1	10	-	-	<b>1</b>
MCER0213-1	<i>Radiotoxicology</i> - Cécile SURLEREAUX	B1	5	-	-	<b>1</b>
MCER0214-1	<i>Radiochemistry</i> - André LUXEN	B1	8	-	-	<b>1</b>

**Training (15 ECTS)**

MSTG9037-1	<i>Internship in an occupational health department with an approved doctor</i> - COLLÉGIALITÉ - [15d Internship]	B1	-	-	[+]	<b>10</b>
MSTG9038-1	<i>Internship in a department or organisation conducting physical radiation controls</i> - COLLÉGIALITÉ - [5d Internship]	B1	-	-	[+]	<b>5</b>